Bruhath Bengalore Mahanagara Palike

Modified Estimate

Name of Work: Asphalting to roads at Defence Colony and surrounding areas in Ward No.14 Bagalagunte

Name of Agency: M.S.V.Constructions Company

Job Code No : 014-19-000023

Work Order No : EE/DD/W.O/ /2020-21 Dated: **Estimated Cost:** **250.00** **Lakhs**

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
1	Removing and refixing stone slabs of drains and Pointing in CM (1:3)								
	Defence Colony 1st main road from Munikondappa Farm to Shankarnag Circle								
		2	400.00	0.90		720.00			
	1st B Cross defence Colony								
		2	182.00	0.90		327.60			
	7th cross defence Colony								
		2	100.00	0.90		180.00			
	4th B Cross Defence Colony								
		2	161.00	0.90		289.80			
	5th A Cross road Defence colony								
		2	132.00	0.90		237.60			
	6th A cross road Shreenidi school road								
		2	128.00	0.90		230.40			
	karnataka bank back side Road								
		2	115.00	0.90		207.00			
	Defence Colony 3rd Main road Saw mill Raod gayathri sabangana Road								
		2	274.00	0.90		493.20			
	3rd Main road								
		2	53.00	0.90		95.40			
	1st cross Shooting bangale Road to Hessaghatta Main Road								
		2	297.00	0.90		534.60			
	2nd Cross Defence Colony								
		2	43.50	0.90		78.30			
	2nd D Cross Defence Colony								
		2	120.00	0.90		216.00			
	3rd B Cross Defence Colony								
		2	170.00	0.90		306.00			
	Havanoor layout								
	11th Cross								
		2	197.30	0.90		355.14			
	12th Cross								
		2	192.50	0.90		346.50			
	13th cross								
		2	190.00	0.90		342.00			
	14th cross								
		2	159.40	0.90		286.92			
	15th cross								
		2	160.00	0.90		288.00			
	9th cross								
		2	53.30	0.90		95.94			
	10th cross								
		2	52.50	0.90		94.50			
	1st cross From 6th main High Tension Road to Dead End								
		2	80.00	0.90		144.00			
	2nd cross From 6th main High Tension Road to Dead End								
		2	81.00	0.90		145.80			
	3rd cross From 6th main High Tension Road to Dead End								
		2	80.00	0.90		144.00			
	4th cross From 6th main High Tension Road to Dead End								
		2	80.00	0.90		144.00			
	5th cross From 6th main High Tension Road to Dead End								

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
		2	75.00	0.90		135.00			
	6th main From 6th main High Tension Road to Dead End								
		2	257.00	0.90		462.60			
	5th main(Bekary Road) From 6th main High Tension Road to Dead End								
		2	240.00	0.90		432.00			
	4th main(Ganesha Temple Road) From 6th main High Tension Road to Dead End								
		2	196.00	0.90		352.80			
	1st Cross Road (Ganesha Temple Back side Road)								
		2	157.70	0.90		283.86			
	2nd main From Shree Krishna Bekary Opp Road To soundarya college								
		2	375.00	0.90		675.00			
						8643.96			
	Missing & Broken Slabs 20%					1728.79			
				Total Qty		6915.17	Sqm		
			As per Agreement Qty			531.00	Sqm	116.87	62057.97
			UP To 125% Qty			132.75	Sqm	116.87	15514.49
			Above 125% Qty			6251.42	Sqm	116.85	730502.39
2	**Removing and resetting of Kerb stones.**								
		Not Executed							
		Schedule B Qty				263.00	m	110.19	0.00
3	**Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter**								
	For Desilting								
	Defence Colony 1st main road from Munikondappa Farm to Shankarnag Circle								
		2	400.00	0.60	0.50	240.00			
	1st B Cross defence Colony								
		2	182.00	0.60	0.50	109.20			
	7th cross defence Colony								
		2	100.00	0.60	0.50	60.00			
	4th B Cross Defence Colony								
		2	161.00	0.60	0.50	96.60			
	5th A Cross road Defence colony								
		2	132.00	0.60	0.50	79.20			
	6th A cross road Shreenidi school road								
		2	128.00	0.60	0.50	76.80			
	karnataka bank back side Road								
		2	115.00	0.60	0.50	69.00			
	Defence Colony 3rd Main road Saw mill Raod gayathri sabangana Road								
		2	274.00	0.60	0.50	164.40			
	3rd Main road								
		2	53.00	0.60	0.50	31.80			
	1st cross Shooting bangale Road to Hessaghatta Main Road								
		2	297.00	0.60	0.50	178.20			
	2nd Cross Defence Colony								
		2	43.50	0.60	0.50	26.10			
	2nd D Cross Defence Colony								
		2	120.00	0.60	0.50	72.00			
	3rd B Cross Defence Colony								
		2	170.00	0.60	0.50	102.00			
	Havanoor layout								
	11th Cross								
		2	197.30	0.60	0.50	118.38			
	12th Cross								
		2	192.50	0.60	0.50	115.50			
	13th cross								
		2	190.00	0.45	0.40	68.40			
	14th cross								

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
		2	159.40	0.45	0.40	57.38			
	15th cross								
		2	160.00	0.45	0.40	57.60			
	9th cross								
		2	53.30	0.45	0.40	19.19			
	10th cross								
		2	52.50	0.45	0.40	18.90			
	1st cross 6th main High Tension Road to Dead End								
		2	80.00	0.45	0.40	28.80			
	2nd cross 6th main High Tension Road to Dead End								
		2	81.00	0.45	0.40	29.16			
	3rd cross 6th main High Tension Road to Dead End								
		2	80.00	0.45	0.40	28.80			
	4th cross 6th main High Tension Road to Dead End								
		2	80.00	0.45	0.40	28.80			
	5th cross 6th main High Tension Road to Dead End								
		2	75.00	0.45	0.40	27.00			
	6th main From 6th main High Tension Road to Dead End								
		2	257.00	0.45	0.40	92.52			
	5th main(Bekary Road) From 6th main High Tension Road to Dead End								
		2	240.00	0.45	0.40	86.40			
	4th main(Ganesha Temple Road) From 6th main High Tension Road to Dead End								
		2	196.00	0.45	0.40	70.56			
	1st Cross Road (Ganesha Temple Back side Road)								
		2	157.70	0.45	0.40	56.77			
	2nd main From Shree Krishna Bekary Opp Road To soundarya college								
		2	375.00	0.45	0.40	135.00			
	For Road Cutting								
	Defence Colony 1st main road from Munikondappa Farm to Shankarnag Circle								
		2	400.00	0.90	0.25	180.00			
	1st B Cross defence Colony								
		2	182.00	0.90	0.25	81.90			
	7th cross defence Colony								
		2	100.00	0.90	0.25	45.00			
	4th B Cross Defence Colony								
		2	161.00	0.90	0.25	72.45			
	5th A Cross road Defence colony								
		2	132.00	0.90	0.25	59.40			
	6th A cross road Shreenidi school road								
		2	128.00	0.90	0.25	57.60			
	karnataka bank back side Road								
		2	115.00	0.90	0.25	51.75			
	Defence Colony 3rd Main road Saw mill Raod gayathri sabangana Road								
		2	274.00	0.90	0.25	123.30			
	3rd Main road								
		2	53.00	0.90	0.25	23.85			
	1st cross Shooting bangale Road to Hessaghatta Main Road								
		2	297.00	0.90	0.25	133.65			
	2nd Cross Defence Colony								
		2	43.50	0.90	0.25	19.58			
	2nd D Cross Defence Colony								
		2	120.00	0.90	0.25	54.00			
	3rd B Cross Defence Colony								
		2	170.00	0.90	0.25	76.50			
	Havanoor layout								
	11th Cross								
		2	197.30	0.90	0.25	88.79			
	12th Cross								
		2	192.50	0.90	0.25	86.63			
	13th cross								
		2	190.00	0.90	0.25	85.50			

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	14th cross								
		2	159.40	0.90	0.25	71.73			
	15th cross								
		2	160.00	0.90	0.25	72.00			
	9th cross								
		2	53.30	0.90	0.25	23.99			
	10th cross								
		2	52.50	0.90	0.25	23.63			
	1st cross 6th main High Tension Road to Dead End								
		2	80.00	0.90	0.25	36.00			
	2nd cross 6th main High Tension Road to Dead End								
		2	81.00	0.90	0.25	36.45			
	3rd cross 6th main High Tension Road to Dead End								
		2	80.00	0.90	0.25	36.00			
	4th cross 6th main High Tension Road to Dead End								
		2	80.00	0.90	0.25	36.00			
	5th cross 6th main High Tension Road to Dead End								
		2	75.00	0.90	0.25	33.75			
	6th main From 6th main High Tension Road to Dead End								
		2	257.00	0.90	0.25	115.65			
	5th main(Bekary Road) From 6th main High Tension Road to Dead End								
		2	240.00	0.90	0.25	108.00			
	4th main(Ganesha Temple Road) From 6th main High Tension Road to Dead End								
		2	196.00	0.90	0.25	88.20			
	1st Cross Road (Ganesha Temple Back side Road)								
		2	157.70	0.90	0.25	70.97			
	2nd main From Shree Krishna Bekary Opp Road To soundarya college								
		2	375.00	0.90	0.25	168.75			
				Total Qty		**4505.45**	**Cum**		
			As per Agreement Qty			**1840.92**	**Cum**	**247.55**	**455719.75**
			Up to 125% Qty			**460.23**	**Cum**	**247.55**	**113929.94**
			Above 125% Qty			**2204.30**	**Cum**	**236.60**	**521541.11**
4	**Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means .A. Lime Concrete, cement concrete grade M-10 a**								
		Not Executed							
		Schedule B Qty				**463.68**	**Cum**	**608.16**	**0.00**
5	**Plain cement concrete 1:3:6 mix with crushed stone aggregates 40mm nominal size mechanically mixed placed in foundation and compacted by vibration including curing complete as per specifications.**								
		Not Executed							
		Schedule B Qty				**115.92**	**Cum**	**4703.54**	**0.00**
6	**Providng and laying plain reinforcd cement concrete forside drain using m20 nominal mix concrete with opc at 300 kg with 20 mm and down size granite metel coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed**								
		Not Executed							
		Schedule B Qty				**521.64**	**Cum**	**7423.71**	**0.00**
7	**Providing T.M.T. steel reinforcement for R.C,C work including straightening. cutting. bending. hooking. placing in position. lapping and or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including cost of materaial ,labour , HOM complete as per specifications. MORTH specifications. No.1600 & 2200-do-TMT Bars Fe 500**								
		Not Executed							
		Schedule B Qty				**36.51**	**MT**	**77691.85**	**0.00**

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
8	**Providing & laying RCC Drain Slab of 100mm (DATA RATE)**								
	Qty Vide Item No 1 Missing & Broken slabs					1728.79			
			Total Qty			1728.79	Sqm		
			As per Agreement Qty			1943.00	Sqm		
			As Per Executed Qty			1728.79	Sqm	2318.40	4008031.37
9	**Providing and fixing pre cast solid concrete kerb size 450x150x500 mm out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete**								
		Not Executed							
		Schedule B Qty				1943.00	Sqm	490.83	0.00
10	**Providing and applying spray painting in two coats (excluding priming c o a t) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications**								
		Not Executed							
		Schedule B Qty				920.80	Sqm	61.22	0.00
11	**Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8**								
		Not Executed							
		Schedule B Qty				920.80	Sqm	89.04	0.00
12	**KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.**								
	Defence Colony 1st main road from Munikondappa Farm to Shankarnag Circle								
		1	400.00	5.50		2200.00			
	1st B Cross defence Colony								
		1	182.00	5.50		1001.00			
	7th cross defence Colony								
		1	100.00	4.80		480.00			
	4th B Cross Defence Colony								
		1	161.00	4.00		644.00			
	5th A Cross road Defence colony								
		1	132.00	4.00		528.00			
	6th A cross road Shreenidi school road								
		1	128.00	4.00		512.00			
	karnataka bank back side Road								
		1	115.00	4.80		552.00			
	Defence Colony 3rd Main road Saw mill Raod gayathri sabangana Road								
		1	274.00	4.30		1178.20			
	3rd Main road								
		1	53.00	4.50		238.50			
	1st cross Shooting bangale Road to Hessaghatta Main Road								
		1	297.00	5.30		1574.10			
	2nd Cross Defence Colony								
		1	43.50	5.00		217.50			
	2nd D Cross Defence Colony								
		1	120.00	4.40		528.00			
	3rd B Cross Defence Colony								
		1	170.00	4.80		816.00			
	Havanoor layout								
	11th Cross								
		1	197.30	4.50		887.85			
	12th Cross								
		1	192.50	4.00		770.00			
	13th cross								

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No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
		1	190.00	4.30		817.00			
	14th cross								
		1	159.40	5.20		828.88			
	15th cross								
		1	160.00	5.00		800.00			
	9th cross								
		1	53.30	4.70		250.51			
	10th cross								
		1	52.50	3.50		183.75			
	1st cross 6th main High Tension Road to Dead End								
		1	80.00	4.00		320.00			
	2nd cross 6th main High Tension Road to Dead End								
		1	81.00	3.80		307.80			
	3rd cross 6th main High Tension Road to Dead End								
		1	80.00	3.80		304.00			
	4th cross 6th main High Tension Road to Dead End								
		1	80.00	4.50		360.00			
	5th cross 6th main High Tension Road to Dead End								
		1	75.00	5.00		375.00			
	6th main From 6th main High Tension Road to Dead End								
		1	257.00	4.00		1028.00			
	5th main(Bekary Road) From 6th main High Tension Road to Dead End								
		1	240.00	3.80		912.00			
	4th main(Ganesha Temple Road) From 6th main High Tension Road to Dead End								
		1	196.00	4.50		882.00			
	1st Cross Road (Ganesha Temple Back side Road)								
		1	157.70	4.50		709.65			
	2nd main From Shree Krishna Bekary Opp Road To soundarya college								
		1	375.00	5.40		2025.00			
			Total Qty			**22230.74**	**Sqm**		
			As per Agreement Qty			**9917.30**	**Sqm**	**5.57**	**55239.36**
			Up to 125% Qty			**2479.33**	**Sqm**	**5.57**	**13809.84**
			Above 125% Qty			**9834.12**	**Sqm**	**5.56**	**54721.64**
13	**Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406**								
	For Road Cutting								
	Defence Colony 1st main road from Munikondappa Farm to Shankarnag Circle								
		2	400.00	0.90	0.23	165.60			
	1st B Cross defence Colony								
		2	182.00	0.90	0.23	75.35			
	7th cross defence Colony								
		2	100.00	0.90	0.23	41.40			
	4th B Cross Defence Colony								
		2	161.00	0.90	0.23	66.65			
	5th A Cross road Defence colony								
		2	132.00	0.90	0.23	54.65			
	6th A cross road Shreenidi school road								
		2	128.00	0.90	0.23	52.99			
	karnataka bank back side Road								
		2	115.00	0.90	0.23	47.61			
	Defence Colony 3rd Main road Saw mill Raod gayathri sabangana Road								
		2	274.00	0.90	0.23	113.44			
	3rd Main road								
		2	53.00	0.90	0.23	21.94			
	1st cross Shooting bangale Road to Hessaghatta Main Road								
		2	297.00	0.90	0.23	122.96			

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	2nd Cross Defence Colony								
		2	43.50	0.90	0.23	18.01			
	2nd D Cross Defence Colony								
		2	120.00	0.90	0.23	49.68			
	3rd B Cross Defence Colony								
		2	170.00	0.90	0.23	70.38			
	Havanoor layout								
	11th Cross								
		2	197.30	0.90	0.23	81.68			
	12th Cross								
		2	192.50	0.90	0.23	79.70			
	13th cross								
		2	190.00	0.90	0.23	78.66			
	14th cross								
		2	159.40	0.90	0.23	65.99			
	15th cross								
		2	160.00	0.90	0.23	66.24			
	9th cross								
		2	53.30	0.90	0.23	22.07			
	10th cross								
		2	52.50	0.90	0.23	21.74			
	1st cross 6th main High Tension Road to Dead End								
		2	80.00	0.90	0.23	33.12			
	2nd cross 6th main High Tension Road to Dead End								
		2	81.00	0.90	0.23	33.53			
	3rd cross 6th main High Tension Road to Dead End								
		2	80.00	0.90	0.23	33.12			
	4th cross 6th main High Tension Road to Dead End								
		2	80.00	0.90	0.23	33.12			
	5th cross 6th main High Tension Road to Dead End								
		2	75.00	0.90	0.23	31.05			
	6th main From 6th main High Tension Road to Dead End								
		2	257.00	0.90	0.23	106.40			
	5th main(Bekary Road) From 6th main High Tension Road to Dead End								
		2	240.00	0.90	0.23	99.36			
	4th main(Ganesha Temple Road) From 6th main High Tension Road to Dead End								
		2	196.00	0.90	0.23	81.14			
	1st Cross Road (Ganesha Temple Back side Road)								
		2	157.70	0.90	0.23	65.29			
	2nd main From Shree Krishna Bekary Opp Road To soundarya college								
		2	375.00	0.90	0.23	155.25			
			Total Qty			**1988.11**	**Cum**		
			As per Agreement Qty			**944.47**	**Cum**	**2101.34**	**1984652.59**
			Up to 125% Qty			**236.12**	**Cum**	**2101.34**	**496163.15**
			Above 125% Qty			**807.52**	**Cum**	**2101.14**	**1696722.63**
14	**Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502**								
	For Road Cutting								
	Defence Colony 1st main road from Munikondappa Farm to Shankarnag Circle								
		2	400.00	0.90		720.00			
	1st B Cross defence Colony								
		2	182.00	0.90		327.60			
	7th cross defence Colony								
		2	100.00	0.90		180.00			
	4th B Cross Defence Colony								
		2	161.00	0.90		289.80			
	5th A Cross road Defence colony								
		2	132.00	0.90		237.60			

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	6th A cross road Shreenidi school road								
		2	128.00	0.90		230.40			
	karnataka bank back side Road								
		2	115.00	0.90		207.00			
	Defence Colony 3rd Main road Saw mill Raod gayathri sabangana Road								
		2	274.00	0.90		493.20			
	3rd Main road								
		2	53.00	0.90		95.40			
	1st cross Shooting bangale Road to Hessaghatta Main Road								
		2	297.00	0.90		534.60			
	2nd Cross Defence Colony								
		2	43.50	0.90		78.30			
	2nd D Cross Defence Colony								
		2	120.00	0.90		216.00			
	3rd B Cross Defence Colony								
		2	170.00	0.90		306.00			
	Havanoor layout								
	11th Cross								
		2	197.30	0.90		355.14			
	12th Cross								
		2	192.50	0.90		346.50			
	13th cross								
		2	190.00	0.90		342.00			
	14th cross								
		2	159.40	0.90		286.92			
	15th cross								
		2	160.00	0.90		288.00			
	9th cross								
		2	53.30	0.90		95.94			
	10th cross								
		2	52.50	0.90		94.50			
	1st cross 6th main High Tension Road to Dead End								
		2	80.00	0.90		144.00			
	2nd cross 6th main High Tension Road to Dead End								
		2	81.00	0.90		145.80			
	3rd cross 6th main High Tension Road to Dead End								
		2	80.00	0.90		144.00			
	4th cross 6th main High Tension Road to Dead End								
		2	80.00	0.90		144.00			
	5th cross 6th main High Tension Road to Dead End								
		2	75.00	0.90		135.00			
	6th main From 6th main High Tension Road to Dead End								
		2	257.00	0.90		462.60			
	5th main(Bekary Road) From 6th main High Tension Road to Dead End								
		2	240.00	0.90		432.00			
	4th main(Ganesha Temple Road) From 6th main High Tension Road to Dead End								
		2	196.00	0.90		352.80			
	1st Cross Road (Ganesha Temple Back side Road)								
		2	157.70	0.90		283.86			
	2nd main From Shree Krishna Bekary Opp Road To soundarya college								
		2	375.00	0.90		675.00			
			Total Qty			**8643.96**	**Sqm**		
			As per Agreement Qty			**4106.40**	**Sqm**	**31.16**	**127955.42**
			Upto 125% Qty			**1026.60**	**Sqm**	**31.16**	**31988.86**
			Above 125% Qty			**3510.96**	**Sqm**	**35.61**	**125034.44**

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
15	**KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting thehot mix to worksite, laying to the required grade, level and alignment, rolling with, smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. MORTH Specification No. 507**								
	For Road Cutting								
	Defence Colony 1st main road from Munikondappa Farm to Shankarnag Circle								
		2	400.00	0.90	0.05	36.00			
	1st B Cross defence Colony								
		2	182.00	0.90	0.05	16.38			
	7th cross defence Colony								
		2	100.00	0.90	0.05	9.00			
	4th B Cross Defence Colony								
		2	161.00	0.90	0.05	14.49			
	5th A Cross road Defence colony								
		2	132.00	0.90	0.05	11.88			
	6th A cross road Shreenidi school road								
		2	128.00	0.90	0.05	11.52			
	karnataka bank back side Road								
		2	115.00	0.90	0.05	10.35			
	Defence Colony 3rd Main road Saw mill Raod gayathri sabangana Road								
		2	274.00	0.90	0.05	24.66			
	3rd Main road								
		2	53.00	0.90	0.05	4.77			
	1st cross Shooting bangale Road to Hessaghatta Main Road								
		2	297.00	0.90	0.05	26.73			
	2nd Cross Defence Colony								
		2	43.50	0.90	0.05	3.92			
	2nd D Cross Defence Colony								
		2	120.00	0.90	0.05	10.80			
	3rd B Cross Defence Colony								
		2	170.00	0.90	0.05	15.30			
	Havanoor layout								
	11th Cross								
		2	197.30	0.90	0.05	17.76			
	12th Cross								
		2	192.50	0.90	0.05	17.33			
	13th cross								
		2	190.00	0.90	0.05	17.10			
	14th cross								
		2	159.40	0.90	0.05	14.35			
	15th cross								
		2	160.00	0.90	0.05	14.40			
	9th cross								
		2	53.30	0.90	0.05	4.80			
	10th cross								
		2	52.50	0.90	0.05	4.73			
	1st cross 6th main High Tension Road to Dead End								
		2	80.00	0.90	0.05	7.20			
	2nd cross 6th main High Tension Road to Dead End								
		2	81.00	0.90	0.05	7.29			
	3rd cross 6th main High Tension Road to Dead End								
		2	80.00	0.90	0.05	7.20			
	4th cross 6th main High Tension Road to Dead End								
		2	80.00	0.90	0.05	7.20			
	5th cross 6th main High Tension Road to Dead End								
		2	75.00	0.90	0.05	6.75			
	6th main From 6th main High Tension Road to Dead End								
		2	257.00	0.90	0.05	23.13			
	5th main(Bekary Road) From 6th main High Tension Road to Dead End								

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
		2	240.00	0.90	0.05	21.60			
	4th main(Ganesha Temple Road) From 6th main High Tension Road to Dead End								
		2	196.00	0.90	0.05	17.64			
	1st Cross Road (Ganesha Temple Back side Road)								
		2	157.70	0.90	0.05	14.19			
	2nd main From Shree Krishna Bekary Opp Road To soundarya college								
		2	375.00	0.90	0.05	33.75			
			Total Qty			432.20	Cum		
			As per Agreement Qty			417.62	Cum	6690.24	2793978.03
			Balance Qty			14.58	Cum	6690.24	97530.32
16	**KSRRB 500-9. Providing and applying tack coat using 80/100 grade Sqm bitumen(VG10) on granular base such as WBM surfaces hot bitumen primed at 4 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5**								
	Defence Colony 1st main road from Munikondappa Farm to Shankarnag Circle								
		1	400.00	5.50		2200.00			
	1st B Cross defence Colony								
		1	182.00	5.50		1001.00			
	7th cross defence Colony								
		1	100.00	4.80		480.00			
	4th B Cross Defence Colony								
		1	161.00	4.00		644.00			
	5th A Cross road Defence colony								
		1	132.00	4.00		528.00			
	6th A cross road Shreenidi school road								
		1	128.00	4.00		512.00			
	karnataka bank back side Road								
		1	115.00	4.80		552.00			
	Defence Colony 3rd Main road Saw mill Raod gayathri sabangana Road								
		1	274.00	4.30		1178.20			
	3rd Main road								
		1	53.00	4.50		238.50			
	1st cross Shooting bangale Road to Hessaghatta Main Road								
		1	297.00	5.30		1574.10			
	2nd Cross Defence Colony								
		1	43.50	5.00		217.50			
	2nd D Cross Defence Colony								
		1	120.00	4.40		528.00			
	3rd B Cross Defence Colony								
		1	170.00	4.80		816.00			
	Havanoor layout								
	11th Cross								
		1	197.30	4.50		887.85			
	12th Cross								
		1	192.50	4.00		770.00			
	13th cross								
		1	190.00	4.30		817.00			
	14th cross								
		1	159.40	5.20		828.88			
	15th cross								
		1	160.00	5.00		800.00			
	9th cross								
		1	53.30	4.70		250.51			
	10th cross								
		1	52.50	3.50		183.75			
	1st cross 6th main High Tension Road to Dead End								
		1	80.00	4.00		320.00			
	2nd cross 6th main High Tension Road to Dead End								
		1	81.00	3.80		307.80			

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	3rd cross 6th main High Tension Road to Dead End								
		1	80.00	3.80		304.00			
	4th cross 6th main High Tension Road to Dead End								
		1	80.00	4.50		360.00			
	5th cross 6th main High Tension Road to Dead End								
		1	75.00	5.00		375.00			
	6th main From 6th main High Tension Road to Dead End								
		1	257.00	4.00		1028.00			
	5th main(Bekary Road) From 6th main High Tension Road to Dead End								
		1	240.00	3.80		912.00			
	4th main(Ganesha Temple Road) From 6th main High Tension Road to Dead End								
		1	196.00	4.50		882.00			
	1st Cross Road (Ganesha Temple Back side Road)								
		1	157.70	4.50		709.65			
	2nd main From Shree Krishna Bekary Opp Road To soundarya college								
		1	375.00	5.40		2025.00			
			Total Qty			22230.74	Sqm		
			As per Agreement Qty			15418.40	Sqm	13.36	205989.82
			Up to 125% Qty			3854.60	Sqm	13.36	51497.46
			Avove 125% Qty			2957.74	Sqm	13.35	39499.81
17	**KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509**								
	Defence Colony 1st main road from Munikondappa Farm to Shankarnag Circle								
		1	400.00	5.50	0.04	88.00			
	1st B Cross defence Colony								
		1	182.00	5.50	0.04	40.04			
	7th cross defence Colony								
		1	100.00	4.80	0.04	19.20			
	4th B Cross Defence Colony								
		1	161.00	4.00	0.04	25.76			
	5th A Cross road Defence colony								
		1	132.00	4.00	0.04	21.12			
	6th A cross road Shreenidi school road								
		1	128.00	4.00	0.04	20.48			
	karnataka bank back side Road								
		1	115.00	4.80	0.04	22.08			
	Defence Colony 3rd Main road Saw mill Raod gayathri sabangana Road								
		1	274.00	4.30	0.04	47.13			
	3rd Main road								
		1	53.00	4.50	0.04	9.54			
	1st cross Shooting bangale Road to Hessaghatta Main Road								
		1	297.00	5.30	0.04	62.96			
	2nd Cross Defence Colony								
		1	43.50	5.00	0.04	8.70			
	2nd D Cross Defence Colony								
		1	120.00	4.40	0.04	21.12			
	3rd B Cross Defence Colony								
		1	170.00	4.80	0.04	32.64			
	Havanoor layout								
	11th Cross								
		1	197.30	4.50	0.04	35.51			
	12th Cross								
		1	192.50	4.00	0.04	30.80			
	13th cross								
		1	190.00	4.30	0.04	32.68			
	14th cross								

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
		1	159.40	5.20	0.04	33.16			
	15th cross								
		1	160.00	5.00	0.04	32.00			
	9th cross								
		1	53.30	4.70	0.04	10.02			
	10th cross								
		1	52.50	3.50	0.04	7.35			
	1st cross 6th main High Tension Road to Dead End								
		1	80.00	4.00	0.04	12.80			
	2nd cross 6th main High Tension Road to Dead End								
		1	81.00	3.80	0.04	12.31			
	3rd cross 6th main High Tension Road to Dead End								
		1	80.00	3.80	0.04	12.16			
	4th cross 6th main High Tension Road to Dead End								
		1	80.00	4.50	0.04	14.40			
	5th cross 6th main High Tension Road to Dead End								
		1	75.00	5.00	0.04	15.00			
	6th main From 6th main High Tension Road to Dead End								
		1	257.00	4.00	0.04	41.12			
	5th main(Bekary Road) From 6th main High Tension Road to Dead End								
		1	240.00	3.80	0.04	36.48			
	4th main(Ganesha Temple Road) From 6th main High Tension Road to Dead End								
		1	196.00	4.50	0.04	35.28			
	1st Cross Road (Ganesha Temple Back side Road)								
		1	157.70	4.50	0.04	28.39			
	2nd main From Shree Krishna Bekary Opp Road To soundarya college								
		1	375.00	5.40	0.04	81.00			
			Total Qty			889.23	Cum		
			As per Agreement Qty			308.37	Cum	8656.91	2669531.34
			Upto 125% Qty			77.09	Cum	8656.91	667382.83
			Above 125% Qty			503.77	Cum	10753.89	5417458.36
18	**KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803**								
	Defence Colony 1st main road from Munikondappa Farm to Shankarnag Circle								
		2	400.00	0.10		80.00			
	1st B Cross defence Colony								
		2	182.00	0.10		36.40			
	7th cross defence Colony								
		2	100.00	0.10		20.00			
	4th B Cross Defence Colony								
		2	161.00	0.10		32.20			
	5th A Cross road Defence colony								
		2	132.00	0.10		26.40			
	6th A cross road Shreenidi school road								
		2	128.00	0.10		25.60			
	karnataka bank back side Road								
		2	115.00	0.10		23.00			
	Defence Colony 3rd Main road Saw mill Raod gayathri sabangana Road								
		2	274.00	0.10		54.80			
	3rd Main road								
		2	53.00	0.10		10.60			
	1st cross Shooting bangale Road to Hessaghatta Main Road								
		2	297.00	0.10		59.40			
	2nd Cross Defence Colony								
		2	43.50	0.10		8.70			
	2nd D Cross Defence Colony								

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
		2	120.00	0.10		24.00			
	3rd B Cross Defence Colony								
		2	170.00	0.10		34.00			
	Havanoor layout								
	11th Cross								
		2	197.30	0.10		39.46			
	12th Cross								
		2	192.50	0.10		38.50			
	13th cross								
		2	190.00	0.10		38.00			
	14th cross								
		2	159.40	0.15		47.82			
	15th cross								
		2	160.00	0.15		48.00			
	9th cross								
		2	53.30	0.10		10.66			
	10th cross								
		2	52.50	0.15		15.75			
	1st cross 6th main High Tension Road to Dead End								
		2	80.00	0.10		16.00			
	2nd cross 6th main High Tension Road to Dead End								
		2	81.00	0.10		16.20			
	3rd cross 6th main High Tension Road to Dead End								
		2	80.00	0.10		16.00			
	4th cross 6th main High Tension Road to Dead End								
		2	80.00	0.10		16.00			
	5th cross 6th main High Tension Road to Dead End								
		2	75.00	0.10		15.00			
	6th main From 6th main High Tension Road to Dead End								
		2	257.00	0.15		77.10			
	5th main(Bekary Road) From 6th main High Tension Road to Dead End								
		2	240.00	0.15		72.00			
	4th main(Ganesha Temple Road) From 6th main High Tension Road to Dead End								
		2	196.00	0.15		58.80			
	1st Cross Road (Ganesha Temple Back side Road)								
		2	157.70	0.10		31.54			
	2nd main From Shree Krishna Bekary Opp Road To soundarya college								
		2	375.00	0.15		112.50			
			Total Qty			**1104.43**	**Sqm**		
			As per Agreement Qty			**427.75**	**Sqm**	**477.48**	**204242.07**
			Up To 125% Qty			**106.94**	**Sqm**	**477.48**	**51060.52**
			Above 125% Qty			**569.74**	**Sqm**	**477.43**	**272013.03**
								Actual Cost	**22963768.54**
								As Per Tender Cost	**22967428.00**

Certificate:

1. The Work spot has been inspected and the work found to be necessary.
2. The Area comes within the Bruhath Bengaluru Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for the Year 2018-19.
4. The Provisions made in the estimate are necessary and essential.

Assistant Engineer
Ward No.14

Asst. Executive Engineer,
[illegible] Sub division,

Executive Engineer,
Dasarahalli Division

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